List of patents

Table 1. New patents families covering the New Iscom Technology

Catchword	Full title	Claim category	First Priority date /Lapsing date	Number	Status
1. Iscorecept	Iscom or Iscom matrix comprising hydrophobic receptor molecules for antigenic substances	Composition of matter Vaccine preparation	19960121 /20170220	AT E258066 AU718443 BE0944397 BR 9707638-4 CA2247103 CH0944397 DE69727314-8 DK0944397 E90944397 FR0944397 GB0944397 IE0944397 IT0944397 NL0944397 NL0944397 NZ331418 SE97905539-9 US6027732 WO9730726	Granted International
2. Juvenile	Immunogenic complex, Iscom, for use in preparing a vaccine for juvenile individuals	Uses	19960221 /20170220	AU719191 BE0881911 CA2247117 CH0881911 DE69721498.2 ES0881911 EP0881911 FR0881911 GB0881911 IT0881911 NL0881977 NZ331449 SE97905540.7 US10/613014	Granted Fanted Granted Granted Granted Granted Granted Granted Granted Fanted Pending
				US09/125593 WO9730727	Pending International
Mucosal Live	Iscom or Iscommatrix comprising a mucus targeting substance and an antigen	Uses	19960221 /20170220	AT E255905 AU719084 BE0889736 CA2247522 CH0889736 DE69726712.1 DK889736 E90889736 ES0889736 FR0889736 GB0889736 IE0889736 IF0889736 JP530070/97 NL0889736 NZ331403 SE97905541.5 US6607732 WO9730728	Granted
4. Live combination	Composition comprising Iscom particles and live micro- organisms	Uses, composition s and kits	20030324 /20240324	AU 2004224487 BR PI0408587-6 CA 2519806 EP004723123.8. NZ542328 US10/550026 WO2004084941 ZA2005/06988	Pending Pending Pending Pending Pending Pending International Granted
5. Low toxicity	Iscom preparation and use thereof	Composition of matter	20020705 /20230707	AU2003245220 BR PI0312472-0 CA2491457 EP003738849.3 JP2004519469 NZ537661	Pending Pending Pending Pending Pending Granted



				US10/520022 WO2004/004762 ZA2005/0073	Pending International Granted
6. QWT	Quil A faction with low toxicity and use thereof	Uses	20030707	AU2004254152 BRPI0412444-8 CA 2529363 EPO 04749076.8 JP2006-518582 NZ544299 US10/562866 WO2005002620 ZA 2006/00151	Pending Pending Pending Pending Pending Pending Pending International Granted
7. Mastit			20050120 /20260120	BRPI0606481-7 US/PCT/SE2006/000082 CA/PCT/SE2006/000082 CN200680002650.3 IN5215/DELNP/2007 EPO06701328.4 60/593504 WO2006/078213 PCT/SE2006/000082	Pending Pending Pending Pending Pending Pending US provisional International Pending

Table 2. Old Patents

Catchword	Full title	Priority date	Number	Status
Iscom I	Immunogenic protein or peptide complex, method or producing said complex and the use thereof as an immune stimulant and as a vaccine	19821018		All patents lapsed
Iscom II	Immunogenic complex, a method for producing the same, and the use thereof as an immune stimulant, vaccines and reagents	19841101	NL180564 CA1275042 ES548412 PL81384	Lapsed in most countries except: Granted Granted Granted Granted
Immunogenic complex	Process for preparing complex	19851016	CA1275246 US5254339	Lapsed in most countries except: Granted Granted
Iscom-matrix	Matrix with immunomodulating activity	19880930	AR251617 MX181863 CA1338888 ES8903266 PT91856 ZA89/7217 NZ230747 IE65428 AU632067 DK558/91 (EP0436620) JP2501650 RU2120302 US5679354 AT109662 BE436620 CH436620 DE68917474 FR436620 GB436620 IT436620 LU436620 NL436620 NL436620	Granted
ļ			SE899111115.7	Granted

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thereof in iscoms	CA2201611	Granted
	FR95933981	Granted
	DE69524624	Granted
	(EP785802)	Granted
	GB95933981	Granted
	NZ333608	Granted
	IT785802	Granted
	US6352697	Granted
	SE785802	Granted
	ZA9508600	Pending